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(71) Applicant: TECH RES & DEV INST OF JAPAN  
DEF AGENCY FUJI ELECTRIC  
CORP RES & DEV LTD

(72) Inventor: IGUCHI YOSHIO  
SHIKURA TATSUYUKI  
SAKUMA MASAKI

## (54) STEEP WAVE VOLTAGE GENERATOR

## (57) Abstract:

**PROBLEM TO BE SOLVED:** To provide a steep wave voltage generator by which a steep wave voltage having a stable waveform can be obtained.

**SOLUTION:** This steep wave voltage generator comprises an impulse generating circuit 2, which is composed of charging capacitors CG charged by DC voltages and spark gaps 3 connected in series to the charging capacitors CG, and a peaking circuit 5, which is composed of a wave front regulating capacitor CP for charging charge fed from the impulse generating circuit 2 and a discharge gap 6 connected in series to the wave front regulating capacitor CP. A discharge resistor RC is connected between the impulse generating circuit 2 and the discharge gap 6.

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